



IDWAL MARINE
ANCHORING YOUR INVESTMENTS

Job Description - Full Stack Software Engineer

Who are Idwal?

Very few people have heard of us, but we're a Cardiff based maritime technology company and world leaders in ship inspections. Whilst we have a 100 year-old history as part of the Graig Shipping Group, we have also revolutionised the industry with the introduction of the first online platform, inspectmyship.com. At the simplest level this lets anybody order a vessel survey at any port in the world, then view the results and receive a grading.

This is just the starting point though. Not only does the sheer depth and breadth of data captured create new business opportunities (e.g. market comparison and performance), we're also able to bring innovative new solutions to market (e.g. drone inspections and VR walkthroughs). In addition, we provide a range of other services, such as portfolio oversight and dry dock management, but these need a bit more explaining.

Why work at Idwal?

We've got a fairly unique environment, blending the essence of a technology startup with the heritage and market knowledge of a 100 year-old shipping company.



On the one hand, we have many of the positives associated with a tech startup. We work in a fast-paced environment that encourages entrepreneurship and innovation, where we both empower and support our people. We're also developing industry changing products using the latest technologies.



On the other hand, we don't have the negatives associated with a tech startup. We're self-funded, we're established in market and we're profitable. Furthermore, we have solid and achievable growth targets, along with a global client list that includes leading banks, financial institutions, private equity groups, ship owners, brokers, insurers and charterers.

What is it like at Idwal?

We like to think of ourselves as a family, which isn't surprising when you consider we originated from a 3rd generation Welsh shipping family. We're friendly and sociable, and regularly get together for team and charity events.

We also value our team. We make every effort to provide an environment where people enjoy coming to work and have the opportunity to thrive. We've developed our own 2-year programme to train and sponsor ship surveyors, and are now looking at providing a similar level of support to our engineering team. Finally we have a great view of Cardiff Bay and an excellent coffee machine.

Job Description - Full Stack Software Engineer

What You'll Do

- Work within cross-functional Agile teams to deliver market leading and customer focused solutions.
- Understand and work on the full technology stack.
- Be involved at all stages of the development life-cycle, including vision, design, estimation, prioritisation, planning and coordination.
- Alternate from evolving existing core products to prototyping new concepts.
- Focus on automation and quality, helping to release software faster and easier.
- Work collaboratively with the Data Science and Business Intelligence teams.
- Actively encourage and educate less experienced team members.

What You'll Need

- Real world experience of successfully delivering major software products using Agile methodologies.
- Strong hands-on programming skills, being able to create scalable and maintainable code.
- Knowledge of multiple programming languages. Primary stack is MEAN (MongoDB, Express.js, Angular and Node.js), whilst experience of .NET is also beneficial.
- Up-to-speed with modern technologies and continuous delivery, ideally familiar with the likes of Docker and Kubernetes.
- Ability to communicate complex technical concepts in a simple and clear way.
- An analytical mindset with a data driven approach to problem solving, coupled with an inherent creative streak and a 'can do' attitude.

What you'll get at Idwal

In addition to working with great people and great products, we offer a Competitive Salary and the following benefits package:



25 days holiday with option to buy additional



Private healthcare



Very generous pension



Bonus scheme



Flexible working



Social Club



Cycle to work scheme



35 hour working week